

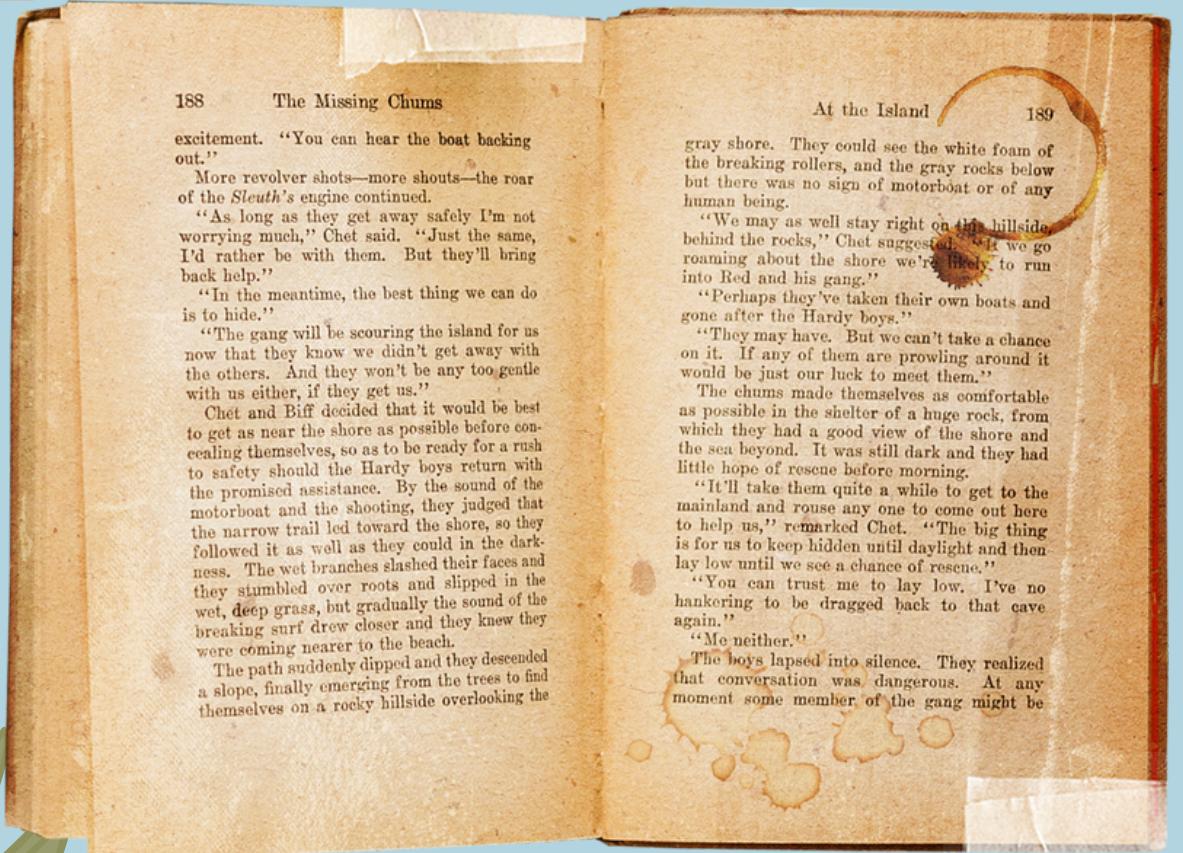
# My Book Store



# Introduction

## Full Stack Application – My Book Store

My book store is a web application that allows customers to buy books online. Customers can search for a book by title or author using a web browser, and then purchase it using a debit or credit card transaction. It provides the avid readers with a simple and easy option to make purchases.



# Technologies Used

1 Angular Framework

2 Spring Boot Framework

3 MySQL

4 JPA Hibernate

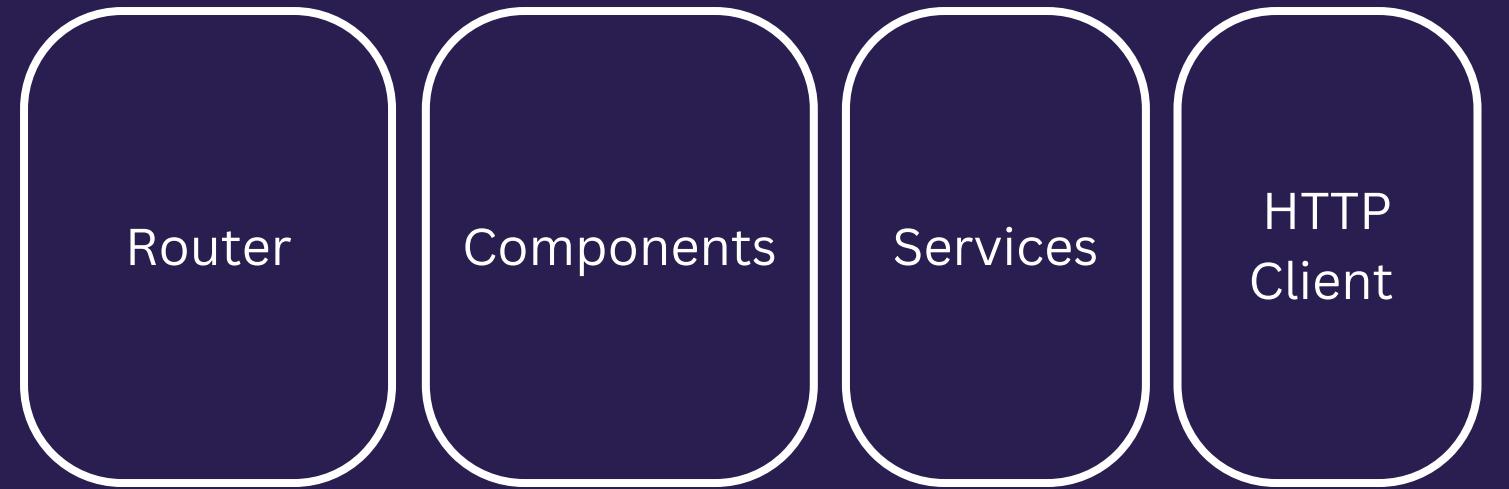
5 Java

6 HTML, CSS, Js, Ts

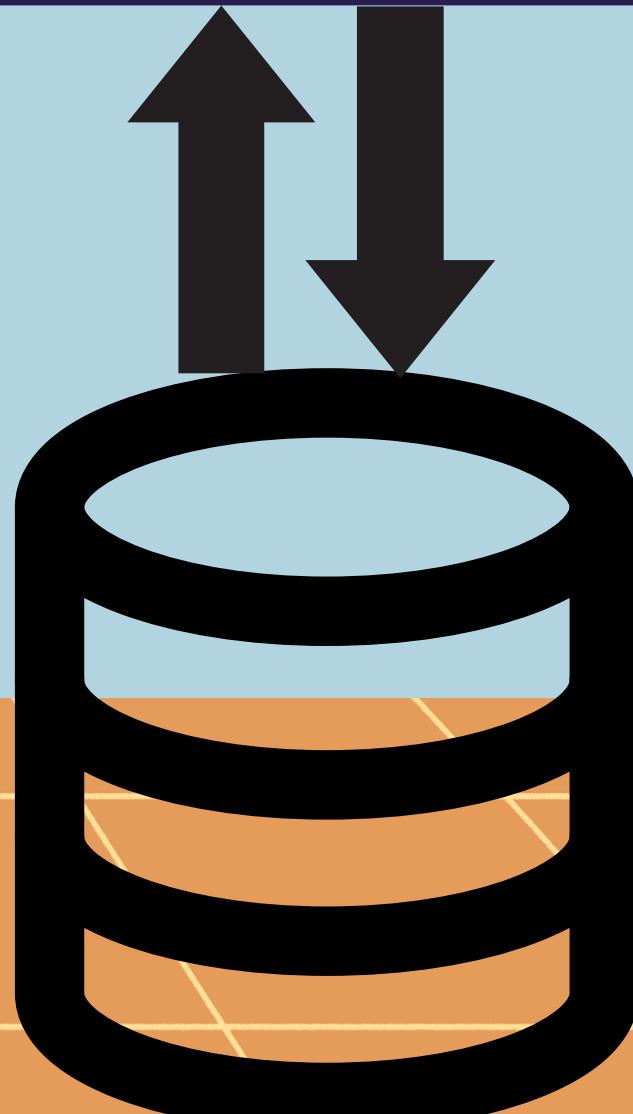
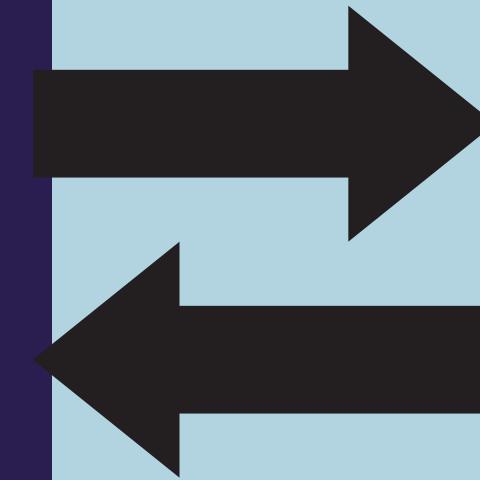
7 PostMan



# ANGULAR



# SPRING BOOT



# Architecture

- Angular – **Frontend**
- Spring Boot – **Backend**
- MySQL – **Backend**
- Postman – **Backend**

# CRUD Operations

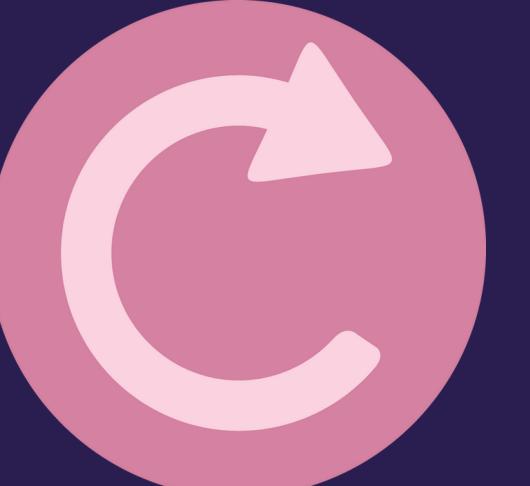
Add Books



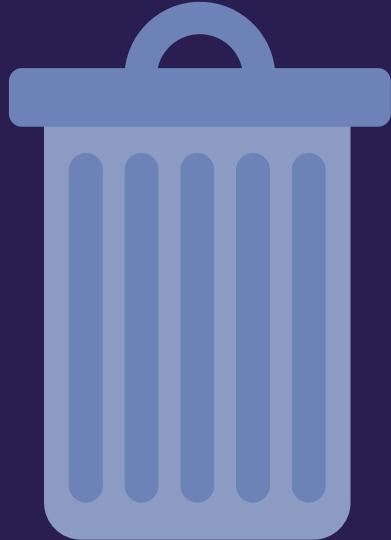
View Books



Update Books



Delete Books



# LOGIN

MyStore

Login



Login

Username

Password

Login

[Create an Account](#)



Activate Windows  
Go to Settings to activate Windows.

# REGISTER

MyStore

Login



Register

Username

First Name

Last Name

Password



Activate Windows  
Go to Settings to activate Windows.

# HOME

MyStore

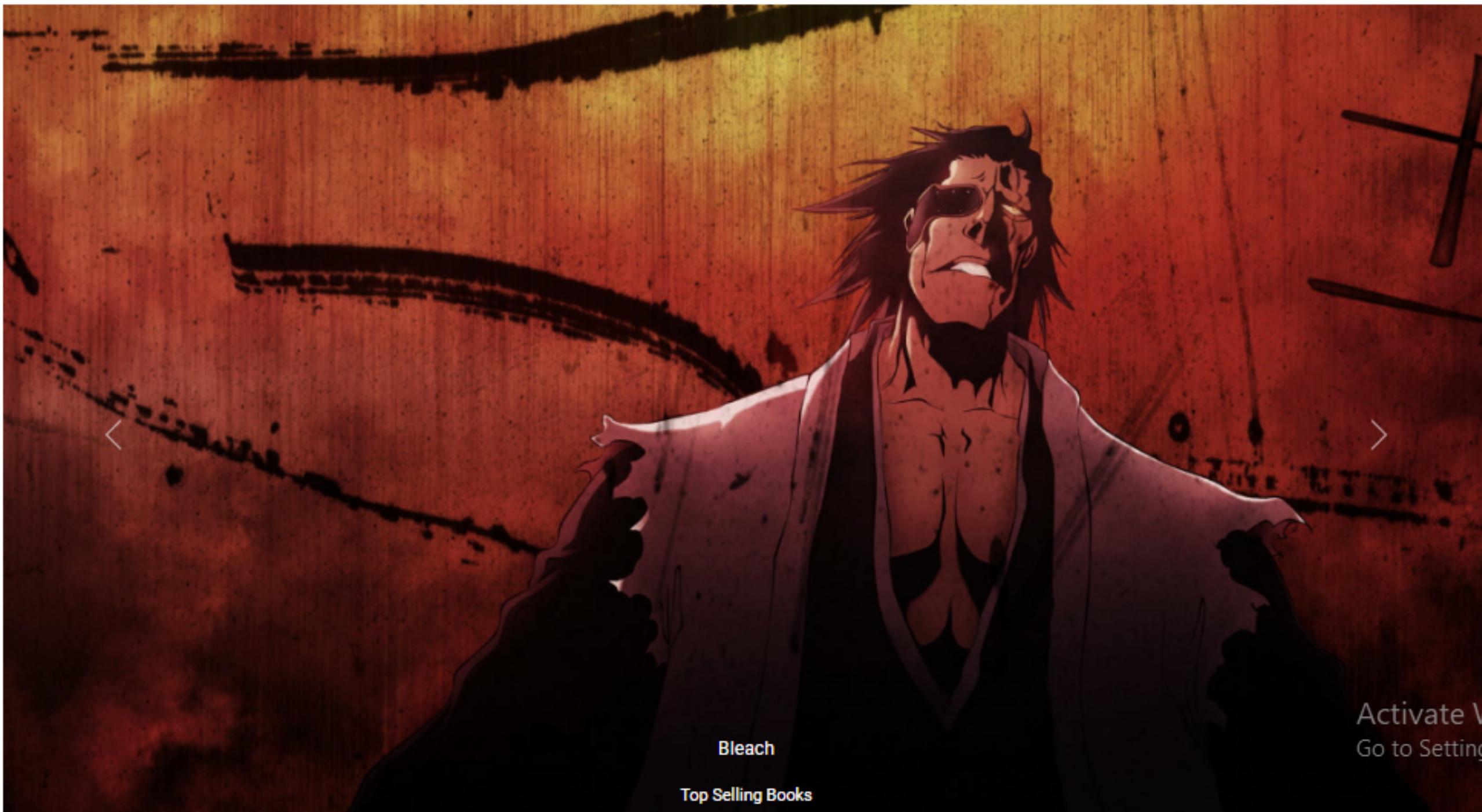
Logout

Home

Add New Books

Show Book's Details

Order Details



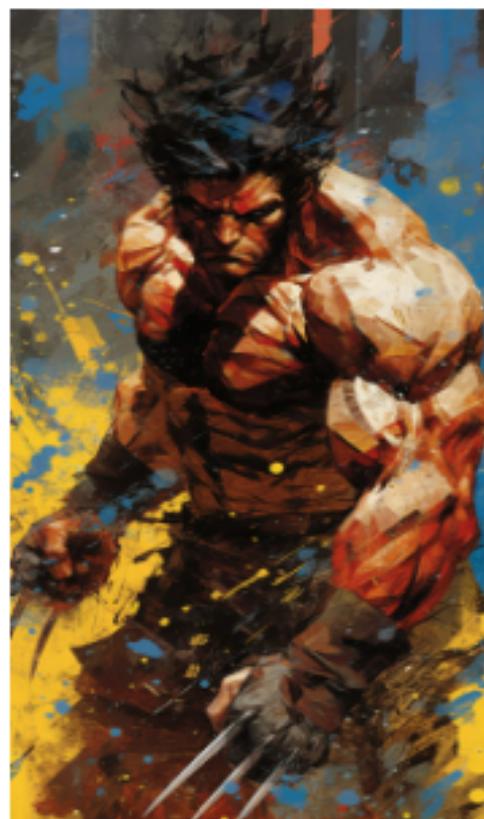
Bleach

Top Selling Books

# HOME PAGE - BOOKS

## Popular Books for you to Read

Search any Product



VagaBond

Story of Miyamoto Musashi. The Samurai who dueled with 72 men and won.

Rs.7999 Rs.8999

[View Details](#)



One Piece

One Piece is a Japanese manga series written and illustrated by Eiichiro Oda.

Rs.89999 Rs.99999

[View Details](#)



Black Clover

A Young Boy trying to accomplish his dreams with hardship.

Rs.2599 Rs.2999

[View Details](#)

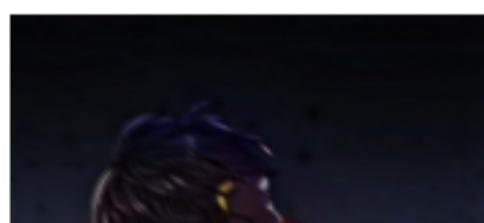


The Beginning After The End

Novel by TurtleMe. Story of Arthur Leywin

Rs.40000 Rs.45000

[View Details](#)



Activate Win  
Go to Settings to

# ADD NEW BOOKS - ADMIN

MyStore

Logout

Home

Add New Books

Show Book's Details

Order Details

Book Name

Book Description

Book's Actual Prize —

Book's Discounted Prize —

Drag and drop your file or [Browse](#) a file

[Clear](#) [Add](#)



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Go to Settings to activate Windows.

# SHOW BOOK DETAIL'S - ADMIN

MyStore

Logout

Home Add New Books Show Book's Details Order Details

## Book Details

Search any Product

ID	Book Cover	Name	Description	Discounted Price	Actual Price	Actions
1		VagaBond	Story of Miyamoto Musashi. The Samurai who dueled with 72 men and won.	7999	8999	 
4		One Piece	One Piece is a Japanese manga series written and illustrated by Eiichiro Oda.	89999	99999	 

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# SHOW ORDERS - ADMIN

MyStore

Logout

Home Add New Books Show Book's Details Order Details

ID	Product Name	Name	Address	Contact No.	Status	Action
25	VagaBond	raj	Hyderabad	9090909090	Delivered	
26	One Piece	raj	Hyderabad	9000090009	Delivered	
27	VagaBond	raj	Hyderabad	9898989898	Placed	<button>Mark as Delivered</button>
28	The Beginning After The End	raj	Chennai	9898989898	Placed	<button>Mark as Delivered</button>
29	One Piece	raj			Placed	<button>Mark as Delivered</button>
30	Black Clover	raj	Hyderabad	8787878787	Placed	<button>Mark as Delivered</button>
69	The Beginning After The End	Lakshay	Hyderabad	9876543211	Placed	<button>Mark as Delivered</button>
70	VagaBond	Lakshay	Hyderabad	9876543211	Placed	<button>Mark as Delivered</button>
71	One Piece	Lakshay	Hyderabad	9876543211	Placed	<button>Mark as Delivered</button>
72	Berserk	Lakshay	Hyderabad	9876543211	Placed	<button>Mark as Delivered</button>
77	My Hero Academia	Lakshay	H	5656565656	Placed	<button>Mark as Delivered</button>

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# SHOW ORDERS - USER

Name	Address	Contact No.	Amount	Status
Laksh	Hyderabad	9876543211	40000	Placed
Laksh	Hyderabad	9876543211	7999	Placed
Laksh	Hyderabad	9876543211	89999	Placed
Laksh	Hyderabad	9876543211	34999	Placed
L	H	5656565656	11000	Placed
Shubham	Chennai	8888888888	89999	Active
Laksh	Hyd	463287989	2200	Active
Laksh	hyd	68436968747	1200	Active
Laksh	Hyd	45368468	5198	Placed
L	H	2355432	15998	Placed

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# BOOK VIEW - USER

MyStore

Logout

Home

My Orders



## The Beginning After The End

### Description:

**Novel by TurtleMe. Story of Arthur Leywin** Lorem ipsum dolor sit amet, consectetur adipisicing elit. Praesentium tempore suscipit totam voluptatem labore maiores error repellendus quidem ipsam obcaecati? Dignissimos reiciendis qui at, expedita, velit ratione consequatur quis sequi deleniti consequuntur voluptate hic inventore eligendi, modi aliquam omnis enim saepe ut non facere minima repellat. Odio, recusandae inventore explicabo cum non soluta at, aperiam amet corrupti vitae ad iure cupiditate officiis! Ut totam, laboriosam error quibusdam mollitia voluptatum impedit odio eum vero ipsam! Quis sunt, enim rerum ea dignissimos quam explicabo fuga adipisci quo, debitis placeat aliquid consequetur voluptates illum magni odio consequuntur, ipsum alias? Distinctio magni pariatur ducimus?

Rs. 40000   Rs. 45000

Buy Now

# BUY BOOKS - USER

MyStore

Logout

Home My Orders

Full Name	Name	Amount	Quantity	Total
	The Beginning After The End	40000	1	40000
Full Address			Total	40000
Contact Number				
Alternate Contact Number				
	<b>Place Order</b>			

# PAYMENT INTEGRATION- USER

MyStore

Home My Orders

Logout Test Mode

Full Name — Laksh

Full Address — Hyderabad

Contact Number — 9000000000

Alternate Contact Number — 9000000000

Amount 40000 Quantity 1 Total 40000

Total 40000

My Book Store

Preferred Payment Methods

UPI QR

Cards, UPI & More

Card

UPI / QR

Netbanking

Wallet

Pay Later

₹ 40,000 View Details Pay Now

Activate Windows  
Go to Settings to activate Windows.

This image displays a user interface for a payment integration service. At the top, there's a header bar with 'MyStore' and navigation links for 'Home' and 'My Orders'. A red diagonal banner in the top right corner reads 'Test Mode'. Below this, a user profile section shows 'Full Name' as 'Laksh', 'Full Address' as 'Hyderabad', 'Contact Number' as '9000000000', and 'Alternate Contact Number' as '9000000000'. To the right, an order summary table lists an item with 'Amount' 40000, 'Quantity' 1, and 'Total' 40000. A large orange modal window titled 'My Book Store' is centered over the page. It contains sections for 'Preferred Payment Methods' (with 'UPI QR' selected) and 'Cards, UPI & More', which lists various payment options with their respective icons. At the bottom of the modal, it shows a total of ₹ 40,000 and a prominent 'Pay Now' button. The overall design is clean and modern, using a dark blue header and a light gray background for the main content area.

# ANGULAR - UI

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** Angular
- Explorer:** Shows the project structure under "MyApplication-Frontend". The "src/app/header/header.component.html" file is open.
- Code Editor:** Displays the content of "header.component.html". The code uses Angular Material components like `<mat-toolbar>` and `<mat-raised-button>`.
- Terminal:** Shows the output of a build process:
  - runtime.js | runtime | 6.54 kB |
  - | Initial Total | 6.27 MB
  - Build at: 2023-09-15T02:55:55.829Z - Hash: 35b13559c0aca5a8 - Time: 16700ms
  - \*\* Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ \*\*
  - ✓ Compiled successfully.
- Bottom Status Bar:** Ln 10, Col 80, Spaces: 2, UTF-8, LF, HTML, Go Live, Prettier

# SPRING BOOT APPLICATION

The screenshot shows the Spring Tool Suite 4 interface with the following details:

- Project Explorer:** Shows the project structure under "MyApplication-Backend".
  - src/main/java:** Contains packages: com.MyApplication (with MyApplicationBackendApplication.java), com.MyApplication.configuration, com.MyApplication.controller (containing CartController, JwtController, OrderDetailController, ProductController, RoleController, UserController), com.MyApplication.dao (containing CartDao, OrderDetailDao, ProductDao, RoleDao, UserDao), com.MyApplication.entity (containing Cart, ImageModel, JwtRequest, JwtResponse, OrderDetail, OrderInput, OrderProductQuantity, Product, Role, TransactionDetails, User), and com.MyApplication.service (containing CartService, OrderService).
- Editor:** Displays the code for `MyApplicationBackendApplication.java`:

```
1 package com.MyApplication;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 public class MyApplicationBackendApplication {
7
8     public static void main(String[] args) {
9         SpringApplication.run(MyApplicationBackendApplication.class, args);
10    }
11
12 }
13
14 }
```
- Console:** Shows the application logs:

```
2023-09-15 08:23:26.305  INFO 13424 --- [           main] com.zaxxer.hikari.HikariDataSource      : HikariPool-1 - Start completed.
2023-09-15 08:23:26.449  INFO 13424 --- [           main] org.hibernate.dialect.Dialect          : HHH000400: Using dialect: org.hibernate.dialect.PostgreSQLDialect
2023-09-15 08:23:31.169  INFO 13424 --- [           main] o.h.e.t.j.p.i.JtaPlatformInitiator       : HHH000490: Using JtaPlatform implementation: org.hibernate.transaction.JBossJtaPlatform
2023-09-15 08:23:31.191  INFO 13424 --- [           main] j.LocalContainerEntityManagerFactoryBean   : Initialized JPA EntityManagerFactory for persistence unit 'default'
2023-09-15 08:23:32.584  WARN 13424 --- [           main] JpaBaseConfiguration$JpaWebConfiguration  : spring.jpa.open-in-view is enabled by default. Therefore, non-named entity manager factories cannot be used.
2023-09-15 08:23:38.041  INFO 13424 --- [           main] o.s.s.web.DefaultSecurityFilterChain      : Will secure any request with [org.springframework.security.web.filter.DelegatingFilterProxy$DefaultFakeFilterInvocationReplacer@444f3a4c]
2023-09-15 08:23:38.368  INFO 13424 --- [           main] o.s.s.concurrent.ThreadPoolTaskExecutor    : Initializing ExecutorService 'applicationTaskExecutor'
2023-09-15 08:23:40.425  INFO 13424 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port(s): 9010 (http)
2023-09-15 08:23:40.445  INFO 13424 --- [           main] c.M.MyApplicationBackendApplication        : Started MyApplicationBackendApplication in 3.09 seconds (process completed in 31 ms)
2023-09-15 08:26:27.195  INFO 13424 --- [nio-9010-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-09-15 08:26:27.195  INFO 13424 --- [nio-9010-exec-1] o.s.web.servlet.DispatcherServlet        : Initializing Servlet 'dispatcherServlet'
2023-09-15 08:26:27.199  INFO 13424 --- [nio-9010-exec-1] o.s.web.servlet.DispatcherServlet        : Completed initialization in 3 ms
```

# MYSQL - DATABASE

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- employecrudapp
- firstdatabasedemo
- hdemo
- logindemo
- mystore**
  - Tables
  - cart
  - hibernate\_sequence
  - image\_model
  - order\_detail
  - product
  - product\_image
  - role
  - user
  - user\_role
- Views
- Stored Procedures
- Functions

Administration Schemas

Information

No object selected

Query 1 ×

13 • create database mystore;  
14 • use mystore;  
15 • select \* from product;  
16 • desc product;  
17 • select \* from image\_model;  
18 • select \* from product\_image;  
19 • select \* from order\_detail;  
20 • select \* from user\_role;  
21 • select \* from cart;  
22 • select \* from role;  
23 • select \* from user;

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	product_id	product_actual_price	product_description	product_discounted_price	product_name
▶	1	8999	Story of Miyamoto Musashi. The Samurai who d...	7999	VagaBond
	4	99999	One Piece is a Japanese manga series written a...	89999	One Piece
	13	2999	A Young Boy trying to accomplish his dreams wit...	2599	Black Clover
	15	45000	Novel by TurtleMe. Story of Arthur Leywin	40000	The Beginning After The End
	31	35000	Naruto is a Japanese manga series written and i...	30000	Naruto
	34	15000	Top Selling Manhwa	9999	Solo Leveling
	40	2500	Book by Robert Kioski	2200	Rich Dad Poor Dad
	42	1500	Book by Benjamin Franklin	1200	Intelligent Investor

product 5 ×

Output

Action Output

#	Time	Action	Message	Duration/Fetch
4	10:39:15	select * from user LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Activate Windows  
Go to Settings to activate Windows

# POSTMAN

Please complete your account verification. We've sent the verification link to [laksharyan11@gmail.com](mailto:laksharyan11@gmail.com) [Resend Verification Email](#)

**My Workspace** [New](#) [Import](#) [GET http://](#) [POST local](#) [POST http://](#) [POST http://](#) [GET http://](#) [GET http://](#) [GET http://](#) [+](#) [...](#) [No Environment](#) [...](#)

**Collections** [+](#) [First](#)

**Environments**

**History**

**localhost:9010/authenticate**

**POST** [localhost:9010/authenticate](#) [Send](#)

**Body** [Params](#) [Authorization](#) [Headers \(8\)](#) [Body](#) [Pre-request Script](#) [Tests](#) [Settings](#) [Cookies](#) [Beautify](#)

**Body**

```
1: {  
2:   "user": {  
3:     "user": "Lakshay",  
4:     "userFirstName": "Lakshay",  
5:     "userLastName": "Bhati",  
6:     "userPassword": "$2a$10$61hGdRovejm0pgZvy02w3eX5DBDb5e3PnrC7Fcy4UICDi4KPc6Dja",  
7:     "role": [  
8:       {  
9:         "roleName": "User",  
10:        "roleDescription": "Default role for newly created record"  
11:      }  
12:    ]  
13:  }  
14:}
```

**Body** [Cookies](#) [Headers \(14\)](#) [Test Results](#) [Status: 200 OK](#) [Time: 302 ms](#) [Size: 870 B](#) [Save as Example](#) [...](#)

**Pretty** [Raw](#) [Preview](#) [Visualize](#) [JSON](#) [-](#)

**Activate Windows**  
Go to Settings to activate Windows.

[Online](#) [Find and replace](#) [Console](#) [Runner](#) [Capture requests](#) [Cookies](#) [Trash](#) [?](#)

# Future Potential

- Logistic Services and Network can be implemented
- Creating cart option and making the Website more Optimized and Dynamic
- Storing the data in Cloud storage

# GitHub Link



<https://github.com/Laksh-Bhati/MyBookStore.git>



Thank You  
for your participation